



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-567-115
Job Sheet 180329



Part No: D350-567-115

Job Qty: 4 ea

Part Name: Replacement Interior Window



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/4/18

Job Tracking No:

Due Date: 7/20/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG DSI9745-011 REV A, IIN-D350-567 REV E SHEET 28 IPP Rev:A New Issue 04-08-24 JLM IPP Rev:B CHG#2 ECN 1055 07-11-21 DD verified by:EC IPP Rev:C 08-10-07 as per revD DD verified by: IPP REV:D 13.10.15 AS PER IIN REV.E DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea	7/20/18	7/20/18	0.00	0.00	Start Up Stores/Pkg-2		JUL 20 2018
110	Packaging	4 pcs	7/20/18	7/20/18	0.00	0.00	Packaging1-3		JUL 20 2018
120	QC	4 pcs	7/20/18	7/20/18	0.00	0.00	QC4		28
130	Packaging	4 pcs	7/20/18	7/20/18	0.00	0.00	Packaging3-1		21
135	DC	4 pcs	7/20/18	7/20/18	0.00	0.00	DC		21
140	QC21-FG	4 Ea	7/20/18	7/20/18	0.00	0.00	QC21		21

Part Op 130 - Identify and pack for shipping as per PPP D350-567-115 Location:FG032
Descriptions: 135 - Photocopy bluefile and create labels per PPP D350-567-115 CHG005

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-4A	Bolt	16 Ea (4 ea)	90-Start up Operation	50600063
AN526C632R12	Screw	36 Ea (9 ea)	90-Start up Operation	502489-1
D2463 4K	1/2" Seal (\$ Per Foot)	17.6400 ft (4.41 ea)	90-Start up Operation	5021111
D3293-1	Doubler For Interior Window For -111	4 Ea (1 ea)	90-Start up Operation	5063384x4
D3294-1	Bracket For Interior Window For -115	4 Ea (1 ea)	90-Start up Operation	5068256
D3295-041	Replacement Interior Window For -111	4 Ea (1 ea)	90-Start up Operation	5052442
D3296-041	Replacement Interior Door For -111	4 Ea (1 ea)	90-Start up Operation	5070987x2 5082537x1
D5420-1	Doubler Plate	4 Ea (1 ea)	90-Start up Operation	5049955
DT8439	Template	4 (1 ea)	90-Start up Operation	
MS20426AD3-5	Rivet	32 Ea (8 ea)	90-Start up Operation	50068069
MS20470AD4-5	Rivet, Universal Head	8 Ea (2 ea)	90-Start up Operation	5049829
MS20470AD4-6	Rivet, Universal Head	460 Ea (115 ea)	90-Start up Operation	5048809
MS20470AD4-7	Rivet, Universal Head	60 Ea (15 ea)	90-Start up Operation	5048900
MS21042L06	Nut	36 Ea (9 ea)	90-Start up Operation	5049834
MS21062L3	Nut Plate	16 Ea (4 ea)	90-Start up Operation	5065260
NAS1149DN632J	Washer	36 pcs (9 ea)	90-Start up Operation	5024482

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3-4A	16	269	0
	AN526C632R12	36	108	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____ _____ _____	Step #: _____ _____ _____	LOTY Effective : _____ Part: D350-567-115 Job No: 180329 Serial No/Batch: S094591 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: _____ DART AEROSPACE Container No: S094591 Date: 07/20/18 DART Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval
Roo Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

D2463	18	117	0
D3293-1	4	8	0
D3294-1	4	8	0
D3295-041	4	11	0
D3296-041	4	11	0
D5420-1	4	10	0
DT8439	4	0	0
MS20426AD3-5	32	7,982	0
MS20470AD4-5	8	2,233	0
MS20470AD4-6	460	2,661	0
MS20470AD4-7	60	2,227	0
MS21042L06	36	102	0
MS21062L3	16	87	0
NAS1149DN632J	36	193	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

5.0 PARTS LIST

Qty -015	Qty -017	Qty -025	Qty -027	Qty -111	Qty -117	Part Number	Description
X						D350-567-015	FLOOR WINDOW INSTALLATION (SMALL)
	X					D350-567-017	FLOOR WINDOW INSTALLATION (SMALL)
		X				D350-567-025	FLOOR WINDOW INSTALLATION (LARGE)
			X			D350-567-027	FLOOR WINDOW INSTALLATION (LARGE)
				X		D350-567-111	FLOOR WINDOW INSTALLATION (EXTRA LARGE)
					X	D350-567-117	FLOOR WINDOW INSTALLATION (EXTRA LARGE)
1	1					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
		1	1			D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
				1	1	D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
	1		1	1		D350-567-115	INTERIOR FLOOR WINDOW KIT
1		1			1	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)

Qty -013	Qty -023	Qty -113	Qty -115	Qty -031	Part Number	Description
X					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
	X				D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
		X			D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
			X		D350-567-115	INTERIOR FLOOR WINDOW KIT
				X	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)
1					D2125	REPLACEMENT WINDOW, SMALL
	1				D2942	REPLACEMENT WINDOW, LARGE
		1			D3290-041	REPLACEMENT WINDOW ASSEMBLY, EXTRA LARGE
1					D2126-0600	SEAL
	1				D2463-0750	NEOPRENE SEAL
		1			D2463-0860	NEOPRENE SEAL
	9	12			2600-6	¼ TURN FASTENER
	9	12			2600-LW	WASHER
	9	12			212-12	RECEPTACLE
	22	21			AN526C832R9	SCREW (OR AN526C832-9, OR MS51957-126)
	44	42			AN960JD8	WASHER
	22	21			MS21042L08	NUT (OR MS21042-08)
	18	24			MS20426AD3-5	RIVET
2 SQ. YD	2 SQ. YD	2 SQ. YD			N/A	9.7oz 7781 'S' GLASS UNIVERSAL WEAVE
				1	D2463-0450	NEOPRENE SEAL
				1	D3210-1	DOUBLER
				1	D3211-1	BRACKET
				1	D3212-1	FLOOR WINDOW
				1	D3213-041	DOOR ASSEMBLY
			1		D3293-1	DOUBLER
			1		D3294-1	BRACKET
			1		D3295-041	FLOOR WINDOW
			1		D3296-041	DOOR ASSEMBLY
			1		D2463-0530	NEOPRENE SEAL
			9	8	AN526C632R12	SCREW (OR AN526C632-12, OR MS51957-32)
			9	8	AN960JD6	WASHER
			9	8	MS21042L06	NUT (OR MS21042-06)
			2	40	MS20470AD4-5	RIVET
			115	90	MS20470AD4-6	RIVET
			15	20	MS20470AD4-7	RIVET

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REFERENCE ONLY

Revision: E

Date: 13.08.15

REFERENCE ONLY

EDIT 5.0/25.7 PARTS LIST:

For customers with kits D350-567-013/-015/-017/-023/-025/-027/-117 @ CHG002 and earlier,
 Customers with kits D350-567-111 @ CHG006 and earlier,
 Customers with kits D350-567-115 @ CHG004 and earlier,
 Customers with kits D350-567-031/-031B/-111B/-115B @ CHG001 and earlier,
 Procure kit DSI 9745-011

Item	Qty -011	Part Number	Description
	X	DSI 9745-011	FIRE EXTINGUISHER RELOCATION KIT
1	1	D5420-1	DOUBLER PLATE
2	4	AN3-4A	HEX HEAD BOLT
3	8	MS20426AD3-5	CSK RIVET
4	4	MS21062L3	NUTPLATE

For customers with kits D350-567-013/-015/-017/-023/-025/117 @ CHG003 and later,
 Customers with kits D350-567-111 @ CHG007 and later,
 Customers with kits D350-567-115 @ CHG005 and later,
 Customers with kits D350-567-031/-031B/-111B/-115B @ CHG002 and later,
 Refer to Installation Instructions D350-567 and ICA-D350-567 and update the parts list as follows:

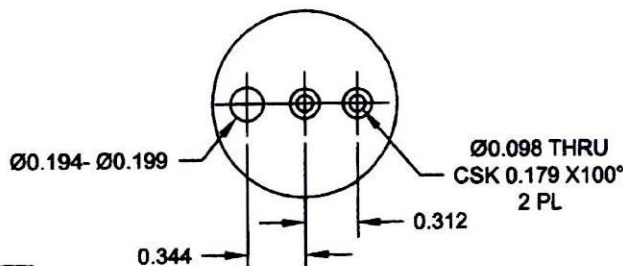
EDIT 5.0 ADD:

Qty -013	Qty -023	Qty -113	Qty -115	Qty -031	Part Number	Description
X					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
	X				D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
		X			D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
			X		D350-567-115	INTERIOR FLOOR WINDOW KIT
				X	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)
			1	1	D5420-1	DOUBLER PLATE
			4	4	AN3-4A	HEX HEAD BOLT
			8	8	MS20426AD3-5	CSK RIVET
			4	4	MS21062L3	NUTPLATE

EDIT 4.0/25.5 WEIGHT AND BALANCE:

*Note: Does not include fire extinguisher weight

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
DSI 9745-011 (Primary Location)	0.1 lb	+1.6 in	+16 in lb	72.2 in	7.2 in lb
Fire Extinguisher Relocation Kit	0.05 kg	+0.04 m	+0.02 m kg	1.83 m	0.1 m kg
DSI 9745-011 (Alternate location)	0.1 lb	-4.4 in	-44 in lb	65.4 in	6.5 in lb
Fire Extinguisher Relocation Kit	0.05 kg	-0.11 m	-0.01 m kg	1.66 m	0.1 m kg



DETAIL A

(NUT PLATE HOLE PATTERN)

REFERENCE ONLY

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

APPROVED

BY: *[Signature]*
 D. SHEPHERD (DE # 02)

DATE: 16.04.06
 CERT. NO.: SH92-18
 ISSUE NO.: 6

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9745	SHEET 2 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	ALTERNATE FIRE EX LOCATION	NTS
DATE	16.04.06	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

PAGE 1 OF 1

Description: REPLACEMENT INTERIOR FLOOR WINDOW

H:\Forms\Engineer\Approved Eng Online\CHGREC revB